RTIP ID# *(required)* IMP050507

TCWG Consideration Date: 09/ 23/ 2008

Project Description *(clearly describe project)*
The City of Imperial is proposing the Aten Road Rehabilitation Project (2.25 miles) from Valore Way to Cross Road, and signalization of the intersection of Aten Road and Clark Road. The proposed project will consist of road rehabilitation improvements, only within existing right of way, such as: grinding AC pavement, AC/ARAM overlays, new pavement, new street lights, shoulder repair, driveways, curb and gutter installation, ADA ramps, drainage improvements at the southwest corner of Aten Road and La Brucherie, and pavement striping at various locations on Aten Road between Valore Way and Cross Road.

Type of Project *(use Table 1 on instruction sheet)*
Intersection signalization

County	**Narrative Location/Route & Postmiles** Aten Road between Valore Way and Cross Road Caltrans Projects – EA# **: EA# 11-956526L** / **STPL-5134(005)**
Imperial	

Lead Agency: City of Imperial

Contact Person	**Phone#**	**Fax#**	**Email**
Sandy Johnson	(619) 688-6460	(619) 688-3338	Sandy_johnson@dot.ca.gov

Hot Spot Pollutant of Concern *(check one or both)* **PM2.5** **PM10 X**

Federal Action for which Project-Level PM Conformity is Needed *(check appropriate box)*

	Categorical Exclusion (NEPA)	**EA or Draft EIS**	**FONSI or Final EIS**	**PS&E or Construction**	**Other**
X					

Scheduled Date of Federal Action: October 2008

NEPA Delegation – Project Type *(check appropriate box)*

	Exempt (93.127 Table 3)		**Section 6004 – Categorical Exemption**	**Section 6005 – Non-Categorical Exemption**
X		**X**		

Current Programming Dates *(as appropriate)*

	PE/Environmental	**ENG**	**ROW**	**CON**
Start	07-08	07/08	07-08	07-08
End	07-08	08/09	08-09	08-09

Project Purpose and Need (Summary): *(attach additional sheets as necessary)*
The purpose of the project is to reduce current and future delay experienced by drivers traveling along Aten Road, and to improve safety and traffic operations along Aten Road. The project includes road rehabilitation improvements within existing rights of way, as well as signalization of the intersection of Aten Road and Clark Road. Future operation of the intersection in the near term indicates that the intersection would operate at LOS D during the am peak hour and LOS E during the pm peak hour without signalization. Future operations are anticipated to reduce the LOS at the unsignalized intersection to LOS F. Traffic impact analyses conducted in the project area that reflect operation of the intersection of Aten Road and Clark Road indicated that with signalization, the intersection would operate at LOS C during peak hours.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*
Land uses in the immediate vicinity of the intersection of Aten Road and Clark Road currently include agricultural use on the northeast corner, and industrial uses on the northwest, southwest, and southeast corners. Land uses along Aten Road and Clark Road in the general vicinity of the intersection include agricultural, commercial, and industrial uses. The Imperial County Airport is located approximately 1800 feet to the northwest of the intersection. Residential developments in the project vicinity include residential construction on the northeast quadrant of the intersection (currently under construction), and residences south of Aten Road between Austin Road and La Brucherie Road. Additional mixed use (residential/commercial) development in the area includes the proposed Encanto Subdivision located on the south side of Worthington Road between Cross Road and Dogwood Road in the City of Imperial and Imperial County, which will result in additional traffic at the intersection of Aten Road and Clark Road.

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

Project Opening Year 2010 (Build and No Build are the same)

Location	AADT	LOS	% Trucks[a]	Truck AADT
Aten Road				
West of La Brucherie	14,799	B	14.3	1,066
La Brucherie to SR-86	19,540	B	14.3	1,407
SR-86 to Clark Road	30,395	D	14.3	2,188
Clark Road to Cross Road	35,753	B	14.3	2,574
Cross Road to Legakes Road	30,684	D	14.3	2,209
Legakes Road to Dogwood Road		18,728	B	14.3 1,348
East of Dogwood Road	10,042	A	14.3	723
Clark Road				
Huston to Aten	10,166	D	14.3	732
South of Aten	10,704	D	14.3	771

[a]Truck percentages estimated from EMFAC2007 Model Run for Imperial County, 2010, for vehicle categories LHD1 through HHD

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

Project Buildout Year 2035 (Build and No Build are the same)

Location	AADT	LOS	% Trucks[a]	Truck AADT
Aten Road				
West of La Brucherie	17,856	B	7.8	1,393
La Brucherie to SR-86	23,648	C	7.8	1,845
SR-86 to Clark Road	53,864	E	7.8	4,201
Clark Road to Cross Road	62.101	F	7.8	4,844
Cross Road to Legakes Road	57,619	F	7.8	4,494
Legakes Road to Dogwood Road		33,058	E	7.8 2,579
East of Dogwood Road	14,665	B	7.8	1,144
Clark Road				
Huston to Aten	18,585	B	7.8	1,450
South of Aten	17,817	B	7.8	1,390

[a]Truck percentages estimated from EMFAC2007 Model Run for Imperial County, 2035, for vehicle categories LHD1 through HHD

Describe potential traffic redistribution effects of congestion relief *(impact on other facilities)*

No re-distribution will occur since traffic patterns will continue as they are at present.
The only change that will occur is that the flow of the traffic will be controlled by the new traffic signal instead of a (4) way stop that is currently in place.

Comments/Explanation/Details *(attach additional sheets as necessary)*

The built traffic AADT is the same as the "no-built" traffic AADT because the Aten Rehabilitation Project is not a capacity enhancement project. The signalization at Aten & Clark is being implemented since the traffic warrant established a need for a traffic signal. See the attached copies of the traffic signal warrants for Aten & Clark intersection from the Traffic Study for "The Encanto Subdivision" prepared by Darnell & Associates, Inc. dated February 23, 2007.